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(71) Applicant (*for all designated States except US*): PUNG  
KUK EDM WIRE MANUFACTURING CO., LTD  
[KR/KR]; 404-8, Nojang-Ri, Jundong-Myun, Yungi-Gun,  
Chungchungnam-Do 339-841 (KR).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): LEE, Jong-Cho  
[KR/KR]; 312-6, Sukso-Dong, Manan-Gu, Anyang-Si,  
Gyeonggi-Do 430-040 (KR).

(74) Agent: KI-RYUNG, Kim; King Road P1f, Suite 201,  
Seo-Joh Bldg., 103-15, Garwol-Dong, Yongsan-Gu, Seoul  
110-602 (KR).

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(54) Title: ELECTRODE WIRE WITH MULTI-COATED LAYERS FOR ELECTRICAL DISCHARGE MACHINING AND  
METHOD OF MANUFACTURING THE SAME

(57) Abstract: An electrode wire with multi-coated layers for electrical discharge machining (EDM) is capable of fast and precisely  
machining a work piece for a desired shape without changing the electrode wire, and a method of manufacturing the electrode wire  
is obtained by performing the steps of manufacturing a core wire, coating the core wire with zinc, drying the coated core wire,  
diffusion-heat treating of the coated core wire, drawing a product from the coated core wire, and stabilization treating of the coated  
core wire in order.

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